

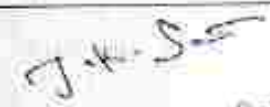


Curriculum Feedback Collection, Analysis
and Action Taken Report
For
Academic Year 2020-2021



**Bachelor of Computer Applications
Action Taken Report for Academic Year 2020-2021**

Particulars / Action Point	Action Taken
For Term I and Term II, Students recommended new courses/topics for Statistics, E-mail writing etiquette interview related preparation. Recommended advance web development and python topics in syllabus. The subject data science, internet of things should be included as core subject in the syllabus.	Revisited the existing Programme structure. The suggestions are noted and to be taken up for revision of Programme structure in Programme review committee (PRC).
Teachers recommended new courses/topics as <ul style="list-style-type: none"> • JQuery • MongoDB in details • Intro to Angular.js • Introduce few java based frame work like Spring, Maven, Dojo, etc. • syllabus is up to the mark. • Add more topics on Mathematics for Machine Learning 	Suggested courses are added in the proposed Programme structure, which will be presented in the PRC for discussion.
For Term I, Alumni recommended new courses/topics as Introduction to Design Thinking and Agile Framework, Machine Learning, Augmented Reality, Artificial Intelligence., Digital Marketing, Include MERN Stack, it's used in almost all companies. For Term II, Alumni recommended new courses/topics as Digital Marketing, Machine Learning, User Centric Design or Design Thinking	<ol style="list-style-type: none"> 1. Suggested topics are already in the Programme structure. 2. Noted the Feedback and Alumni are involved in the PRCs, Induction Programmes, invited talks etc. from time to time to enhance the involvement in Institute's activities.
For Term I, Employer recommended new courses/topics as System Analysis and Design .For Term II, No suggestions/recommendation on new courses/topics from Employer	<ol style="list-style-type: none"> 1. In the proposed Programme structure the subject: software engineering is introduced as compulsory subject. 2. The employers/industry experts views are taken for the improvement on the Programme structure. It is refined and revised annually by taking into consideration. They are the part of the Institute Programme review committee (PRC)


 Prof. Dr. J. K. Saini,
 Professor & Director,
 SICSR.

SYMBIOSIS INSTITUTE OF COMPUTER STUDIES AND RESEARCH

Symbiosis International (Deemed University)

(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A' grade (3.58/4) | Awarded Category - I by UGC

Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)



Celebrating 50 Years of Excellence

Particulars / Action Point	Action Taken
<p>Parents recommended new courses/topics as Blockchain technology, Programming C++, and different languages, Ethical Hacking, Artificial Intelligence and Machine Learning, No-SQL Databases, Kotlin language, MCA, Digital Forensics/Cyber Security, AI WITH MACHINE LEARNING IN DEPTH, Ansible for Networking, Data Analytics Tools - Power BI, Tableau etc., Dotnet to make them employable, Cloud Operations.</p> <p>The subjects, which are now being offered at SICSR, have been well thought of and are innovative topics. Block chain, Natural Language Processing, DevSecOps, Cloud Security and Edge Computing, specialization verticals such as Cybersecurity, Big Data & AI, Infrastructure (which may Containers, Network, Storage and Security), Blockchain (Architecture, development), Cloud Computing. Major requirement in the industry is hybrid specialization. An example will be skills in Big Data and AI plus Cybersecurity or IoT plus Cybersecurity add 5G in Network essentials in Sem-3 Electives</p>	<ol style="list-style-type: none">1. More technologies are adopted to improve the teaching learning experience of the students.2. The suggested topics are already a part of Programme structure.3. A meeting is planned for parents in September 2021.

Prof. Dr. Jatinderkumar R. Saini,
Professor & Director,
SICSR.



Students Feedback

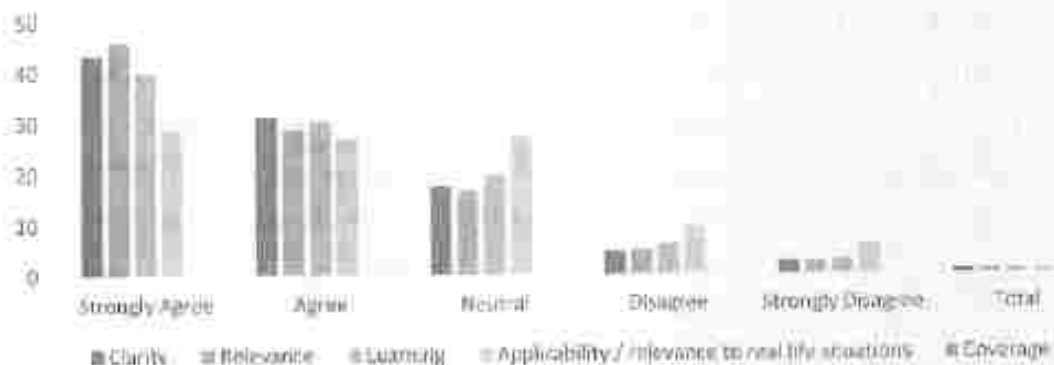
Detailed Feedback Analysis and Review for Academic Year 2020-2021

Sr No	Stakeholder	Number of Respondents
1	Students	336
2	Teachers	83
3	Employers/Industry Experts	4
4	Alumni	21

Students Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Clarity	43.45	31.54	17.53	4.76	2.67	100
Relevance	46.13	29.16	16.96	5.05	2.67	100
Learning	40.17	30.65	19.94	6.25	2.97	100
Applicability / relevance to real life situations	29.16	27.38	27.67	9.52	6.25	100
Coverage	0	0	0	0	0	0

Students Feedback for A.Y. 2020-2021



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Celebrating 50 Years of Excellence

Name of the Institute : Symbiosis Institute of Computer Studies and Research						
Name of the Program : Bachelor of Computer Applications						
Students Feedback for design and review of Syllabus						
Academic Year : '2020-2021' (Batch 2020-22)						
SICSR collects the feedback from students in a structured mode. The feedback is analyzed and suitable actions are taken to ensure that to make our program structure comprehensive and well-defined catering to both National and International needs of the BCS domain.						
Number of Respondents : 336						
Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	Course was useful and relevant	155	98	57	17	9
2	The topics and the level of course were according to the required learning objectives or outcomes.	146	106	59	16	9
3	Course related study material was available in the library / SICSR/digital library /Shared by teacher.	98	92	93	32	21
4	The topics are not overlapping with any of the courses taught earlier.	142	95	72	14	13
5	Course fundamental principles were well emphasize.	135	103	67	21	10

Sr.No.	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, name such topics with course details	1	19
2	Placement of the course is in appropriate semester. If No, Please specify the correct semester.	Yes	



Teachers Feedback

Teachers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	51.80	40.96	6.02	1.20	0	100
Support	48.19	44.57	7.22	0	0	100
Motivation	0	0	0	0	0	0
Relevance	46.98	46.98	6.02	0	0	100

Teacher's Feedback for A.Y. 2020-2021



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Celebrating 50 Years of Excellence

Name of the Institute : Symbiosis Institute of Computer Studies and Research						
Name of the Program : Bachelor of Computer Applications						
Teacher's Feedback for design and review of Syllabus						
Academic Year : '2020-2021' (Batch 2020-22)						
SIESIT collects the feedback from students in a structured mode. The feedback is analyzed and suitable actions are taken to ensure that to make our program structure comprehensive and well defined catering to both National and International needs of the BPSI domain.						
Number of Respondents : 83						
Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I am given enough freedom to contribute my ideas on curriculum design and development	43	35	4	1	0
2	The faculty members / teachers are supported with adequate learning resources	40	37	6	0	0
3	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	39	39	5	0	0

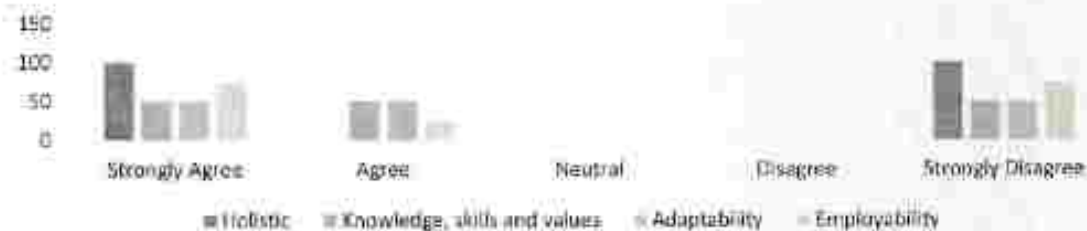
Sr.No.	Question	Yes	No
1	Would you like to recommend any new course / topic to be added in the program structure?	12	71

Employer/ Industry Experts Feedback

Employer/ Industry Experts Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Holistic	100	0	0	0	100	100
Knowledge, skills and values	50	50	0	0	50	100
Adaptability	50	50	0	0	50	100
Employability	75	25	0	0	75	100

Employers Feedback Analysis % for A.Y. 2020-2021



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Celebrating 50 Years of Excellence

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Name of the Program : Bachelor of Computer Applications						
Employers Feedback for design and review of syllabus						
Academic Year : '2020-2021'						
SICSR collects the feedback from Employers in a structured mode. The feedback is analyzed and suitable actions are taken to ensure that the curriculum is up-to-date to make our program structure comprehensive and well defined catering to both National and International needs of the BFSI domain.						
Total Number of Respondents : 4						
Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The curriculum has a good blend of theory and practical aspects	4	0	0	0	0
2	The students of the program are adequately trained in terms of knowledge, skills and values	2	2	0	0	0
3	The students of the program demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	2	2	0	0	0
4	The courses offered in the Institute have relevance to societal needs and employment potential	3	1	0	0	0

Sr.No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	0	4

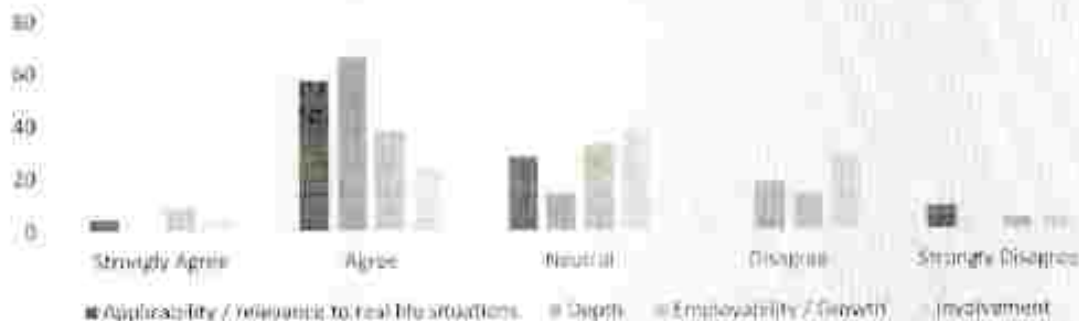


Alumni Feedback

Alumni Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Applicability / relevance to real life situations	4.76	57.14	28.57	0	9.52	100
Depth	0	66.66	14.28	19.04	0	100
Employability / Growth	9.52	38.09	33.33	14.28	4.76	100
Involvement	4.76	23.80	38.09	28.57	4.76	100

Alumni Feedback for A.Y. 2020-2021



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Name of the Program : Bachelor of Computer Applications						
Alumni Feedback for design and review of syllabus						
Academic Year : '2020-2021'						
SICSR collects the feedback from Alumni in informal mode. The feedback so collected is analyzed and suitable actions are taken to ensure that the curriculum is up-to-date to make our program structure comprehensive and well defined catering to both National and International needs of the ITSI domain.						
Total Number of Respondents : 4						
Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The institute curriculum has prepared me adequately for the job roles, I have handled and been handling.	4	0	0	0	0
2	The curriculum of the program is well designed and promotes learning experience of the students.	2	2	0	0	0
3	The courses offered in the Institute have relevance to societal needs and employment potential.	2	2	0	0	0
4	The institute encourages contribution from Alumni in curriculum and student development.	3	1	0	0	0

Sr.No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	0	4